

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/650,337  
Source: IFW/b  
Date Processed by STIC: 10/26/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 10/26/2006

PATENT APPLICATION: US/09/650,337

TIME: 10:46:59

Input Set : A:\188012-US-9.ST25.txt

Output Set: N:\CRF4\10262006\I650337.raw

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3 <110> APPLICANT: Dower, William J.
4      Cwirla, Steven E.
6 <120> TITLE OF INVENTION: Peptide Library and Screening Systems
8 <130> FILE REFERENCE: 188012/US/9 (480886-00032)
10 <140> CURRENT APPLICATION NUMBER: US 09/650,337
11 <141> CURRENT FILING DATE: 2000-08-28
13 <150> PRIOR APPLICATION NUMBER: US 09/261,731
14 <151> PRIOR FILING DATE: 1999-03-03
16 <150> PRIOR APPLICATION NUMBER: US 08/914,403
17 <151> PRIOR FILING DATE: 1997-08-19
19 <150> PRIOR APPLICATION NUMBER: US 07/541,108
20 <151> PRIOR FILING DATE: 1990-06-20
22 <160> NUMBER OF SEQ ID NOS: 129
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 66
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Synthetic
35 <220> FEATURE:
36 <221> NAME/KEY: CDS
37 <222> LOCATION: (1)..(66)
39 <400> SEQUENCE: 1
40 cct tta gtt gtt cca ttc tac tgg cac tcc gct gaa act gtt cca gtt      48
41 Pro Leu Val Val Pro Phe Tyr Trp His Ser Ala Glu Thr Val Pro Val
42 1          5          10          15
44 gtc tgg caa aac ctc ata      66
45 Val Trp Gln Asn Leu Ile
46          20
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 22
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Synthetic Construct
57 <400> SEQUENCE: 2
59 Pro Leu Val Val Pro Phe Tyr Trp His Ser Ala Glu Thr Val Pro Val
60 1          5          10          15
63 Val Trp Gln Asn Leu Ile
64          20
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 66

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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Synthetic
75 <400> SEQUENCE: 3
76 ggaaatcaac aaggtaagat gaccgtgagg cgactttgac aaggtcaaca gaccgttttg      60
78 gagtat                                                                    66
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 20
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Synthetic
89 <400> SEQUENCE: 4
90 cctttagttg ttccattcta                                                    20
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 16
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Synthetic
101 <400> SEQUENCE: 5
102 ggaaatcaac aaggta                                                        16
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 16
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Synthetic
113 <400> SEQUENCE: 6
114 ctcgcaaaac ctcata                                                        16
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 20
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic
125 <400> SEQUENCE: 7
126 aacagaccgt ttggagtat                                                    20
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 30
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Synthetic
138 <220> FEATURE:
139 <221> NAME/KEY: CDS
140 <222> LOCATION: (1)..(30)
142 <400> SEQUENCE: 8

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143 cct tta gtt gtt cca ttc tac tct cac tcc      30
144 Pro Leu Val Val Pro Phe Tyr Ser His Ser
145 1          5          10
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 10
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Synthetic Construct
156 <400> SEQUENCE: 9
158 Pro Leu Val Val Pro Phe Tyr Ser His Ser
159 1          5          10
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 30
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthetic
170 <400> SEQUENCE: 10
171 ggaaatcaac aaggtgaagat gagagtgagg      30
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 37
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic
183 <220> FEATURE:
184 <221> NAME/KEY: CDS
185 <222> LOCATION: (1)..(36)
187 <400> SEQUENCE: 11
188 ggc ggc act gtt gaa agt tgt ctg gca aaa cct cat a      37
189 Gly Gly Thr Val Glu Ser Cys Leu Ala Lys Pro His
190 1          5          10
193 <210> SEQ ID NO: 12
194 <211> LENGTH: 12
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Synthetic Construct
201 <400> SEQUENCE: 12
203 Gly Gly Thr Val Glu Ser Cys Leu Ala Lys Pro His
204 1          5          10
207 <210> SEQ ID NO: 13
208 <211> LENGTH: 31
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Synthetic
215 <400> SEQUENCE: 13

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216 tgacaacttt caacagaccg ttttgcagta t 31
219 <210> SEQ ID NO: 14
220 <211> LENGTH: 10
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Synthetic
227 <400> SEQUENCE: 14
228 ctctcactcc 10
231 <210> SEQ ID NO: 15
232 <211> LENGTH: 14
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic
239 <400> SEQUENCE: 15
240 agatgagagt gagg 14
243 <210> SEQ ID NO: 16
244 <211> LENGTH: 21
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Synthetic
251 <400> SEQUENCE: 16
252 ggcggcactg ttcaaagttg t 21
255 <210> SEQ ID NO: 17
256 <211> LENGTH: 11
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Synthetic
263 <400> SEQUENCE: 17
264 tgacaacttt c 11
267 <210> SEQ ID NO: 18
268 <211> LENGTH: 6
269 <212> TYPE: PRT
270 <213> ORGANISM: Bacteriophage fd
272 <400> SEQUENCE: 18
274 Cys Met Leu Gln Arg Leu
275 1 5
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 6
280 <212> TYPE: PRT
281 <213> ORGANISM: Bacteriophage fd
283 <400> SEQUENCE: 19
285 Met Ser Arg Lys Leu Phe
286 1 5
289 <210> SEQ ID NO: 20
290 <211> LENGTH: 6

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Input Set : A:\188012-US-9.ST25.txt

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291 <212> TYPE: PRT  
292 <213> ORGANISM: Bacteriophage fd  
294 <400> SEQUENCE: 20  
296 Leu Trp Ala Gly His Glu  
297 1 5  
300 <210> SEQ ID NO: 21  
301 <211> LENGTH: 6  
302 <212> TYPE: PRT  
303 <213> ORGANISM: Bacteriophage fd  
305 <400> SEQUENCE: 21  
307 Val Gly Ile Thr Gln Leu  
308 1 5  
311 <210> SEQ ID NO: 22  
312 <211> LENGTH: 6  
313 <212> TYPE: PRT  
314 <213> ORGANISM: Bacteriophage fd  
316 <400> SEQUENCE: 22  
318 Lys Thr Ser Tyr Gly Gly  
319 1 5  
322 <210> SEQ ID NO: 23  
323 <211> LENGTH: 6  
324 <212> TYPE: PRT  
325 <213> ORGANISM: Bacteriophage fd  
327 <400> SEQUENCE: 23  
329 Gln Lys Arg Gly Glu Asp  
330 1 5  
333 <210> SEQ ID NO: 24  
334 <211> LENGTH: 6  
335 <212> TYPE: PRT  
336 <213> ORGANISM: Bacteriophage fd  
338 <400> SEQUENCE: 24  
340 Thr Leu Thr Lys Arg Gln  
341 1 5  
344 <210> SEQ ID NO: 25  
345 <211> LENGTH: 6  
346 <212> TYPE: PRT  
347 <213> ORGANISM: Bacteriophage fd  
349 <400> SEQUENCE: 25  
351 Ser Val Ser Leu Gln Ala  
352 1 5  
355 <210> SEQ ID NO: 26  
356 <211> LENGTH: 6  
357 <212> TYPE: PRT  
358 <213> ORGANISM: Bacteriophage fd  
360 <400> SEQUENCE: 26  
362 Ala Gly Ser Phe Glu Ala  
363 1 5  
366 <210> SEQ ID NO: 27  
367 <211> LENGTH: 6

RAW SEQUENCE LISTING ERROR SUMMARY

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Input Set : A:\188012-US-9.ST25.txt

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,120,121,122,123,124,125,126,127

Seq#:128,129

**VERIFICATION SUMMARY**

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